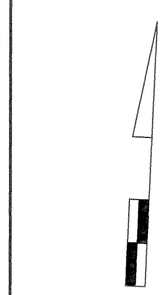


MD 122 IS ASSUMED TO RUN
IN AN EAST-WEST DIRECTION

PROPOSED SIGNS

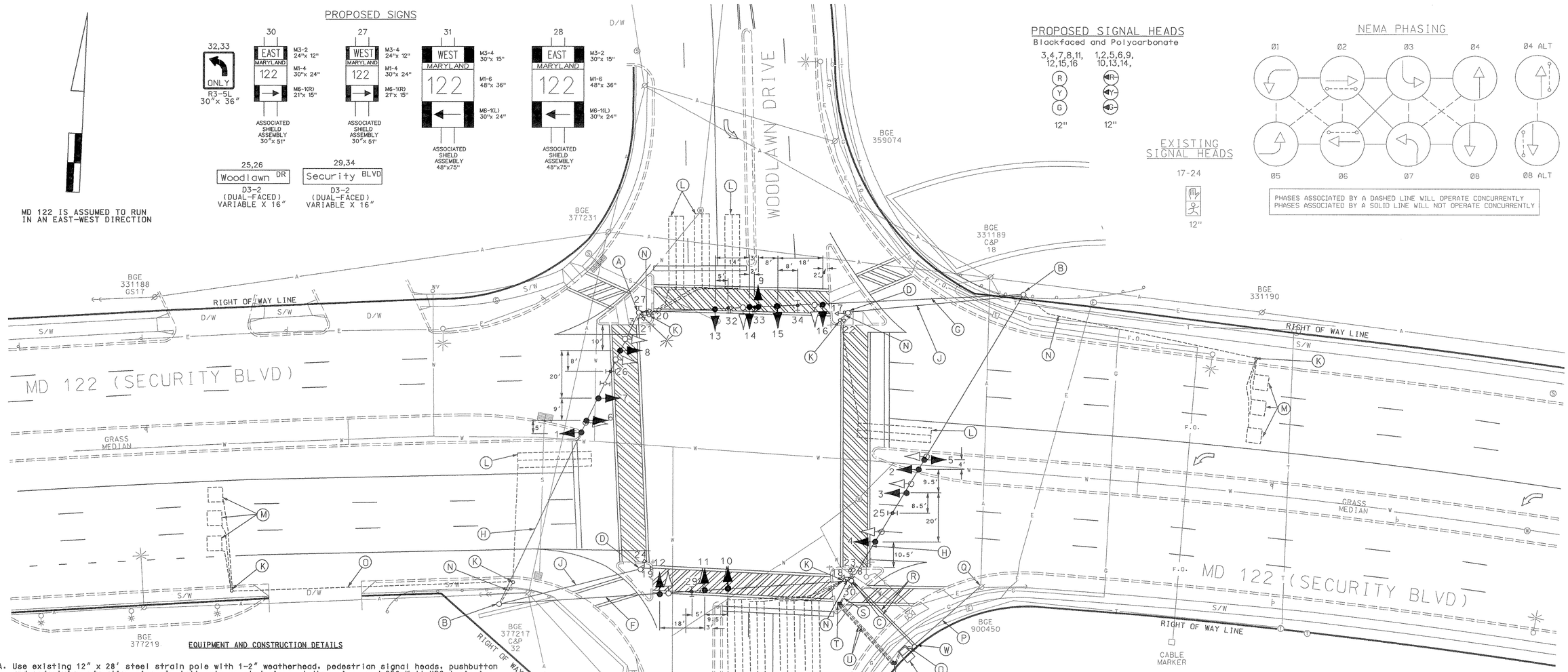
PROPOSED SIGNAL HEADS

Blackfaced and Polycarbonate

EXISTING SIGNAL HEADS

NEMA PHASING

PHASES ASSOCIATED BY A DASHED LINE WILL OPERATE CONCURRENTLY
PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY



EQUIPMENT AND CONSTRUCTION DETAILS

A. Use existing 12" x 28' steel strain pole with 1-2" weatherhead, pedestrian signal heads, pushbutton and pedestrian education sign. Install pole mounted signs, tether wire, and 250 Watt HPS luminaire with 15' lighting arm (Note: 1-2" bend).

B. Use existing 12" x 28' steel strain pole with 1-2" weatherhead (Note: 1-2" bend). Install tether wire.

C. Use existing 12" x 28' steel strain pole with 2-4" and 1-2" weatherheads (Note: 1-2" bends). Install tether wire and 3" bend into the existing base.

D. 20' breakaway pedestal pole with pedestrian signal heads, pushbutton and pedestrian education sign (Note: 1-2" bend).

E. Use existing NEMA size "5" base-mounted cabinet and controller with all necessary equipment (Note: 2-2" gal bend and 1-2" bend). Install 4" PVC bend into the base and re-wire according to the wiring diagram.

F. Use existing 3/8" steel span wire, remove existing traffic signal heads. Install proposed traffic signal heads and sign as shown. Re-ring and re-wire according to the wirng diagram. Tether the equipment with 1/4" steel span wire.

G. Use existing 3/8" steel span wire, remove existing traffic signal heads and signs. Install proposed traffic signal heads and signs as shown. Re-ring and re-wire according to the wiring diagram. Tether the proposed equipment with 1/4" steel span wire.

H. Use existing 3/8" steel span wire, remove existing traffic signal heads and sign. Install proposed traffic signal heads and sign as as shown. Re-ring and re-wire according to the wiring diagram. Tether the proposed equipment with 1/4" steel span wire.

J. 3/8" steel span wire.

K. Baltimore County Handhole.

L. 6' x 30' loop detector encased in 1/4" flexible tubing quadrupole type (3-6-3).

M. 6' x 6' loop detector encased in 1/4" flexible tubing (4 turns).

N. 2" PVC electrical conduit.

O. 2" galvanized steel electrical conduit.

P. Existing overhead service by BGE.

Q. Existing BGE service pole with control and distribution equipment.

R. Install 3/8" steel span wire along existing span and re-ring.

EQUIPMENT AND CONSTRUCTION DETAILS (con't)

S. Install 3" PVC schedule 80 electrical conduit (trenched after the concrete is removed). Concrete shall be replaced at existing grade.

T. Install handhole, remove and replace the concrete squares.

U. Install 3" PVC schedule 80 electrical conduit- slotted.

V. Install handhole and 4" PVC schedule 80 electrical conduit - trenched to the existing cabinet.

W. 20' steel strain pole with 2-4" and 1-2" weatherhead (Note: 3-2" bends).

GEOMETRIC LEGEND
PROPOSED
EXISTING

LEGEND OF UNDERGROUND AND OVERHEAD UTILITIES
AERIAL CABLE — A — A —
ELECTRIC — E — E —
TELEPHONE — T — T —
GAS — G — G —
SEWER — S — S —
WATER — W — W —
CABLE TV — TV — TV —

REVISION 'B'

STREET TRAFFIC STUDIES, LTD.
400 Crain Hwy.,N.W.
Glen Burnie,MD 21061
Ph (410) 590-5500
Fax (410) 590-6637

3964.DGN TASK 10

REVISIONS	APPROVALS
(B) 5-17-01 ASBUILT AND REPLACE EXISTING SIGNAL HEADS SHA NO: XX1005485 EMM	TEAM LEADER, TRAFFIC ENGINEERING DESIGN DIVISION
A 2-24-88 ADD DUAL N/B LEFTS AND PED SIGNALS	ASST. CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION
	CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION
	DIRECTOR, TRAFFIC & SAFETY

ORIGINAL ON FILE

MARYLAND DOT - STATE HIGHWAY ADMINISTRATION
Office of Traffic & Safety

TRAFFIC ENGINEERING DESIGN DIVISION
MD 122 (SECURITY BLVD) AND WOODLAWN DRIVE

DRAWN BY:		F.A.P. NO.	TS NO. 4089B
CHECKED BY:	Balto. County	S.H.A. NO.	T.I.M.S. NO. E 583
SCALE:	1"= 20'	COUNTY:	SHEET NO. 1 OF 2
DATE:	2/24/88	LOG MILE:	